

ABSTRACT OF THE DISCLOSURE

Each network device connected to a network
broadcasts a cold start trap when activated. A
5 monitoring device captures this trap and checks whether
the trap is an SNMP packet. If the trap is an SNMP
packet, the monitoring device extracts the address from
the received packet and registers the address in a
directory server, or requests the status of a device as
10 a transmission source and registers the received status
in the directory server.